

METHOD, SYSTEM, AND PROGRAM FOR SYNCHRONIZATION
AND RESYNCHRONIZATION OF A DATA STREAM

ABSTRACT

5 Provided is a method, system, and program for providing synchronization in a
binary data stream. A binary data stream is received. A synchronization mark having
at least one isolated peak is generated into at least one point in the data stream. An
encoded data stream is formed by concatenating the synchronization mark with the
received binary data. During decoding, the synchronization mark is detected based
10 on error propagation occurring adjacent to the at least one isolated peak of the
synchronization mark.